

Please replace the paragraph (Table 25, Seq ID NO: 98) beginning at page 392, line 30, with the following:

--Seq ID NO: 98 Protein sequence:  
Protein Accession #: NP\_008981.1

1	11	21	31	41	51

MAS 60  
LAALALSLLL RLQLPPLPGA RAQSAPGGCS FDEHYSNCGY SVALGTNGFT WEQINTTEKP 120  
MLDQAVPTGS FMMVNSSGRA SGQKAHLLP TLKENDTHCI DFHYFSSRD RSSPGALNVY 180  
VKVNGGPQGN PVWNVSGVVT EGWVKAELAI STFWPHFYQV IFESVSLKGH PGYIAVDEV 240  
VLAHPCRKAP HFLRLQNVEV NVGQNATFQC IAGGKWSQHD KLWLQQWNGR DTALMVTRVV 300  
NHRRFSA TVS VADTAQRSVS KYRCVIRSDG GSGVSNYAEL IVKEPPTPIA PPELLAVGAT 360  
YLWIKPNANS IIGDGPIILK EVEYRTTGT WAETHIVDSP NYKLWHLDPD VEYEIRVLLT 420  
RPGEGGTGPP GAPLTTRTKC ADPVHGPQNV EIVDIRARQL TLQWEPFGYA VTRCHSYNLT 480  
VQYQYVFNQ QYEAEEVIQT SSHYTLRGLR PFMTIRLRL LSNPEGRMES EELVVQTEED 540  
VPGAVPLESI QGGPFEEKIY IQWKPPNETN GVITLYEINY KAVGSLDPSA DLSSQRGKVF 600  
KLRNETHHLF VGLYPGTTYS FTIKASTAKG FGPPVTTRIA TKISAPSMPE YDTDTPNET 660  
DTTITVMLKP AQRGAPVSV YQLVVKEERL QKSRRADII ECFSVPVSYR NASSLDSLHY 720  
FAAELKPANL PVTQPFTVGD NKTYNQYWNP PLSPLKSYSI YFQALSKANG ETKINCVRLA 780  
TKAPMGSQV TPGTPLCLLT TGASTQNSNT VEPEKQVDNT VKMAGVIAGL LMFIIILLGV 840  
MLTIKRRRNA YSYSYYLSQR KLAKKQKETQ SGAQREMGPV ASADKPTTKL SASRNDEGFS 900  
SSSQDVNGFT DSGRGELSQP TLTIQTHPYR TCDPVEMSYP RDQFQLAIRV ADLLQHITQM 960  
KRGQGYGFK EYEALPEGQT ASWDTAKEDE NRNKNRYGNI ISYDHSRVRL LVLDGDPHSD 1020  
YINANYIDGY HRPRHYIATQ GPMQETVKDF WRMIWQENSA SIVMVTNLVE VGRVKCVRYW 1080  
PDDTEVYGD I KVTLIETEPL AEYVIRTFTV QKKGYHEIRE LRLFHFTSWP DHGVPCYATG 1140  
LLGFVRQVKF LNPPEAGPIV VHCSAGAGRT GCFIAIDTML DMAENEGVVD IFNCVRELRA 1200  
QRVNLVQTEE QYVVFVHAIL EACLCGNTAI PVCEFRSLYY NISRLDPQTN SSQIKDEFQT 1260  
LNIVTPRV RP EDCSIGLLPR NHDKNRSM DV LPLDRCLPFL ISVDGESSNY INAALMDSHK 1320  
QPAAFVVTQH PLPNTVADFW RLVFDYNCSS VVMLNEMDTA QFCMQYWPEK TSGCYGPIQV 1380  
EFVSADIDED IHRIFRICN MARPDGYRI VQHLQYIGWP AYRDTPPSKR SLLKVVRRL 1440  
KWQEYQDGR ERTVVHCLNG GGRSGTFCAI CSVCEMIQQQ NIIDVFHIVK TLRNNKSNMV 1500  
ETLEQYKFVY EVALEYLSSF

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Please insert the accompanying paper copy of the Sequence Listing, page numbers 1-192, at the end of the application.

REMARKS

The amino acid sequence given in SEQ ID NO:96 on page 389, begins with the extraneous letters "GIREFNP NIMANEVERINMITOSISGENEARELATEDKINASEHOMOSAPIENS" in addition to the one-letter code for amino acids present in the entry for GenBank Accession No. NP\_002488, referenced on line 28. Indeed, these extraneous letters form portions of the title for this sequence in the GenBank entry. Similarly, the amino acid sequence given in SEQ ID NO:98 on page 392, begins with the extraneous letters

"GIREFNPPROTEINTYROSINEPHOSPHATASERECEPTORTYPETHOMOSAPIENS" in addition to the one-letter code for amino acids present in the entry for GenBank Accession No. NP\_008981.1, referenced on line 31. Again, these extraneous letters form portions of the title for this sequence in the GenBank entry. The amino acid sequences entered into the Sequence Listing for SEQ ID NO:96 and SEQ ID NO:98 omitted these extraneous letters.

The above amended sequences correct errors of a typographical nature made without deceptive intent. One of ordinary skill in the art would immediately recognize these errors. Reference to the corresponding protein GenBank Accession No. in these two cases and the recognition of the "Coding sequence" from the corresponding nucleotide sequences directly above the sequences labeled "Protein sequence" allow correct amino acid sequences to be readily deduced. Thus, correction of these amino acid sequences introduces no new matter.

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NO:1-141, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

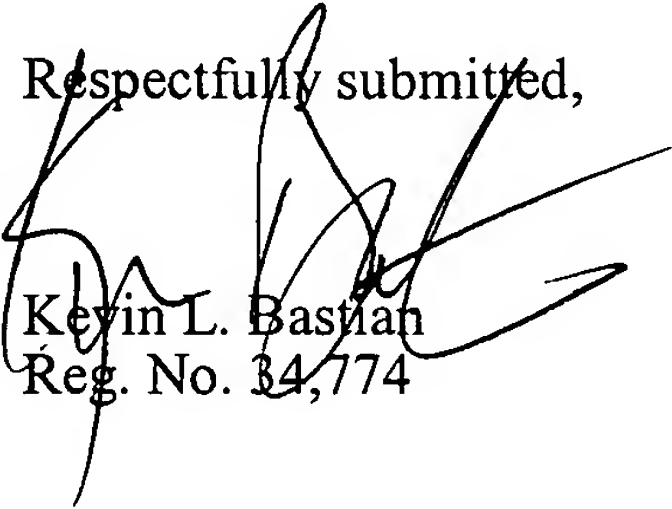
Attached hereto is a marked-up version of the changes made to the Specification by the current Amendment. The attached pages are captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE**".

MACK *et al.*  
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PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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